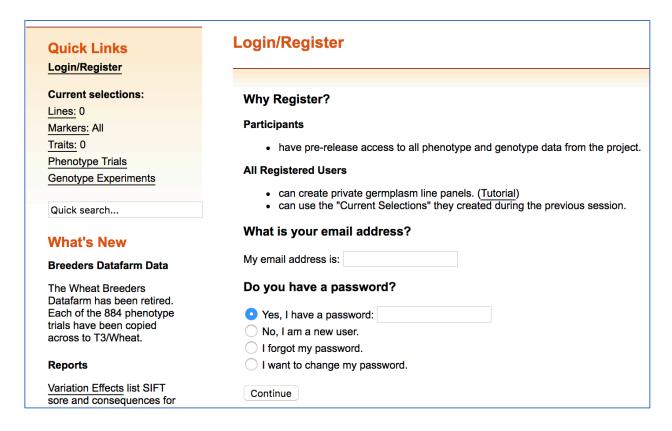
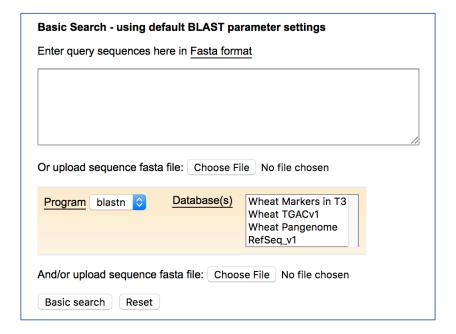
Tutorial: How to use BLAST with Eco TILLING database

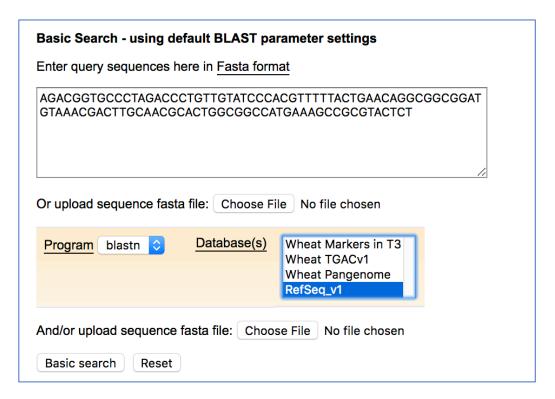
- Visit https://triticeaetoolbox.org/wheat/
- 2. Login, your account must be registered as CAP participant.



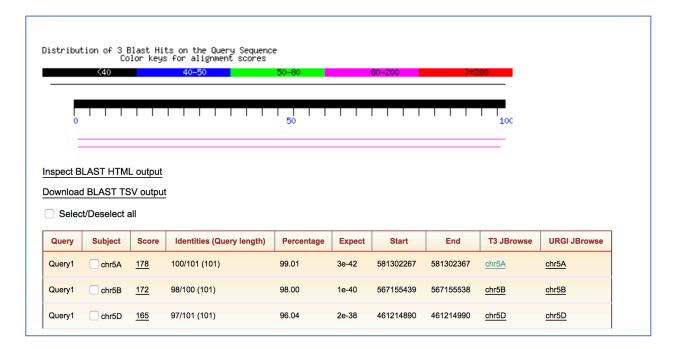
3. Select Analyze – BLAST



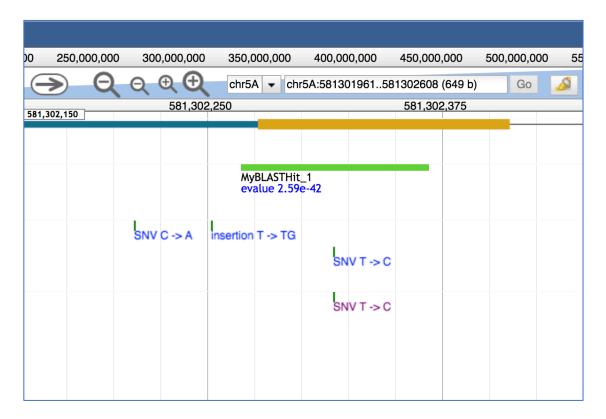
- 4. Paste nucleotide sequence into text area
- 5. Select Database "RefSeq_v1"



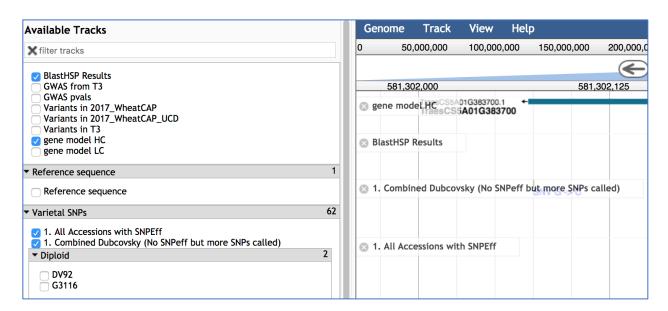
- 6. Select "Basic search"
- 7. The results of the analysis will be similar to the screen below.



8. Select the link under T3 JBrowse to view the match. Under "Available Tracks" you should check the "BlastHSP Results". This shows you the BLAST match.



9. Also select either "All Accessions with SNPEff" or "Combined Dubcovsky" to view the SNP's for each of the TILLING lines.



10. Click on a SNP from these two tracks to display lines containing the SNPs.

